

Receiving Report

Date: 15-02-17 Batch No: 131589
 Supplier: Air dynamics Dart P/O: 27094

Packing Slip:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Release Note Attached:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Invoice:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Waybill Attached:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Receipt:	Cash <input type="checkbox"/>	Cr <input checked="" type="checkbox"/>	Shipment Complete:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
New Supplier	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	QC18 Inspection			
			Work Order			

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

Production/Admin:

Date

Received/Costing

Initial

Location



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO27094

Purchase Order Date 1/16/2015

PO Print Date 1/16/2015

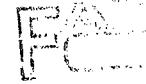
Page Number 1 of 2

Order From : VC-AD001
AIR DYNAMICS
19420B CLARK GRAHAM AVENUE
BAIE D'URFE, QUEBEC H9X 3R8

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 514-457-4287

Ship To Contact
Ship To Phone
Ship Via: Purolator ground collect
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB EXW - (Ex Works) 

Line Sbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extenc Prc
				Promise Date			
	11400-20	EA934NA HYSOL	1/26/2015	Yes	1.00 ✓	\$195.00	\$195
			1/26/2015		Each		
	EXP: DATE OCT/2015						
						Line Total:	\$195
	Delivery To: IAN						
	60010990	MAGNABOND 6398 PART A	2/27/2015 FN	Yes	30.00	\$17.50	\$525
			2/27/2015		Each	<i>Rec'd 2x</i>	
	1 OZ KIT					<i>SP 15-01</i>	
	60010991	MAGNOBOND 6398 PART B	2/27/2015 FN	Yes	30.00	\$17.50	\$525
			2/27/2015		Each	<i>Rec'd 2x</i>	
	1 OZ KIT					<i>SP 15-01</i>	

PO Instructions: Purolator Acc#7684382

Note:

Rec'd 28x SP 15-01-17



Air Dynamics BON DE LIVRAISON

19420B Clark Graham Avenue
Baie D'Urfé, Québec H9X 3R8

Tel.: (514) 457-4287
Fax: (514) 457-4143

PACKING SLIP 731553-1

CUSTOMER NO. 700

Facture à:
Invoice to:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7

ACCTS PAY/ DALE BATES

Expédié à:
Ship to:

SAME

Date	Expédié par/Ship via:	F.A.B./F.O.B.	Conditions/Terms
02/16/15	PUROLATOR COLLECT		

No. de commande Purchase order no.	Date de commande Order date	Vendeur(se)/Salesperson	Notre No. de commande/Our order number
PO27094	01/16/15	SARAH FAIRHURST	

Qté req/ Qty req	Expédié Shipped	En souffle/ B.O.	No. d'article Item Number	Description	Prix unitaire Unit price	Prix rapporté Extended price
28	28		6398 (4OZ)	ORDERED BY CHANTAL LAVOIE - SHIP VIA PUROLATOR GROUND MAGNOBOND(A/B) 4OZ KIT (SPEC: MFG STD) STORE FRIDGE		
28	28		BATCH	BATCH #30957 LOT#15A15/15A15 SPEC: 299-947-359 EXP: FEB.11/2016 SPEC: 299-947-100 EXP: JULY/2016 MFG CERTIFICATION INCLUDED - BALANCE OF ORDER COMPLETE +MSDS		

JE CERTIFIE PAR LES PRESENTES QUE LES PIECES D'AÉRONEUF
DECRISES DANS LE PRESENT CERTIFICAT ONT ETE OBTENUES D'UNE
SOURCE D'APPROVISIONNEMENT CONFORME AUX CONDITIONS
AUXQUELLES LE CERTIFICAT D'AUTORISATION DE DISTRIBUTION
NO. 12-89 DU MINISTÈRE DES TRANSPORTS A ETE ATTRIBUÉ.

DATE 16 fevrier 2015
SIGNÉ Brenda Shea

AD
5

I hereby certify that the aircraft parts, appliances and/or
materials described herein were acquired from a source of
supply that is consistent with the conditions under which
the Department of Transport distributor approval
No. 12-89 has been granted.

Date: February 16, 2015 *Brenda Shea*
Inspector's Signature

AD-1(A)
QTY: 28

RELEASE CERTIFICATE

AIR DYNAMICS

19420B Clark Graham Avenue
Baie d'Urfé, Québec, H9X 3R8
514-457-4287

NOMENCLATURE

MAGNOBOND A/B (40Z KIT)

PART NUMBER

6398 (40Z)

MODEL OR TYPE

MAKE

MAGNOLIA

SERIAL NUMBER

✓ 299-947-100 EXP: JULY 2016

✓ 299-947-359 EXP: FEBRUARY 11, 2016

NEW

REPAIRED

INSPECTED

OVERHAULED

MODIFIED

PREVIOUS CERTIFICATION

B#30957 LOT# 15A15 / 15A15

I HEREBY CERTIFY THAT THE AIRCRAFT PARTS, APPLIANCES AND/OR MATERIALS DESCRIBED HEREON
WERE ACQUIRED FROM A SOURCE OF SUPPLY THAT IS CONSISTANT WITH THE CONDITIONS UNDER
WHICH THE DEPARTMENT OF TRANSPORT DISTRIBUTOR APPROVAL NO. 12-89 HAS BEEN GRANTED.

DATE

FEBRUARY 16, 2015

Brenda Shen
INSPECTOR'S SIGNATURE

JE CERTIFIE PAR LE PRESENT QUE LES PIECES D'AERONEFS
DECRITES DANS LE PRESENT CERTIFICAT ONT ETE OBTENUES D'UNE
SOURCE D'APPROVISIONNEMENT CONFORME AUX CONDITIONS
AUXQUELLES LE CERTIFICAT D'AUTORISATION DE DISTRIBUTION
NO. 12-89 DU MINISTERE DES TRANSPORTS A ETE ATTRIBUE.

DATE 16 fevrier 2015

SIGNE Brenda Shea





Certificate Of Compliance

Packing Slip	ORD11992
Document Date	1/21/2015
Page	1

5547 Peachtree Blvd
Chamblee GA 30341-2296

530957

Bill To:

13 FEV. 2015

AIR DYNAMICS CO. LTD
19420B, CLARK GRAHAM AVE.
BAIE D'URFE/QUEBEC CANADA H9X 3R8

Ship To:

AIR DYNAMICS CO. LTD
19420B, CLARK GRAHAM AVE.
BAIE D'URFE QC H9X 3R8

(514) 457-4287 Ext. 0000

* Item Shipped Directly from Vendor

Purchase Order No.		Customer ID		Salesperson ID	Shipping Method	Payment Terms	Order Placed By	Ship Date
030957		AIRDY001		INSIDE SALES	FED EX FRT COL	Prepayment	SARAH	2/11/2015
Ordered	Shipped	B/O	Item Number	Description			Site	UOM
40	40	0	6398-AB/.25PT	MAGNOLIA 6398-AB .25 PINT KIT LOT# 15A15/15A15			ATL	EA

Instructions:

M.S.D.S. (FRENCH & ENGLISH) & TDS REQUIRED /
DATE OF MFG: 01/2015
SPEC# 299-947-100, REV P, T-II, CL-2 / SHELF LIFE: 18 MOS
FROM D.O.M. @ BELOW 40°F OR 12 MOS FROM D.O.M. @ 40-100°F
SPEC# 299-947-359, REV A, T-I / SHLF LIFE: 06 MOS FROM S.D. @
BTWN 80-100°F/09 MOS @ BTWN 60-80°F/12 MOS @ BELOW 40°F
EXPIRATION DATE: (299-947-100): 07/2016 OR 01/2015
EXPIRATION DATE: (299-947-359): 08/11/15 OR 11/11/15 OR 02/11/16

Magnolia Advanced Materials, Inc.

Signed:

Greg Bunn
Technical Director

We certify that the above listed material meets the sales specifications as outlined by the manufacturing procedures of Magnolia Advanced Materials, Inc. and the above listed specification.

The materials process and formulation(s) have not been changed in any way from the original qualified material(s) without prior approval.

Unless otherwise indicated, the country of origin is the USA.

Shelf life certified and applicable on unopened, properly stored containers.

MATERIAL SAFETY DATA SHEET



Issuing Date no data available

Revision date October 28, 2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Magnobond 6398-A	
Product Code(s)	6398-A	
Synonyms	Magnolia 6398-A	
Recommended Use	This product contains epoxy constituents that have an average molecular weight of less than or equal to 700.	
Manufacturer:	Magnolia Advanced Materials, Inc. 5547 Peachtree Blvd. Chamblee, GA 30341 USA 770-451-2777 [8:00 am - 4:30 pm US eastern time zone]	
Emergency telephone number	INFOTRAC 1-352-323-3500 (International) - Account 79439 1-800-535-5053 (North America) - Account 79439	

2. Hazards Identification

appearance Gray	Physical state Paste/Gel	Odor Slight ethereal
-----------------	--------------------------	----------------------

Potential health effects

Acute toxicity

EYES	Avoid contact with eyes.
skin	Avoid contact with skin.

Chronic effects

3. Composition/information on Ingredients

Formula	Not Applicable-Mixture
---------	------------------------

Chemical name	CAS-No	Weight %
Oxiranemethanamine, N,N'-(methylenedi-4,1-phenylene)bis[N-(oxiranylmethyl)-]	28768-32-3	30-60
Aluminum	7429-90-5	25-50
Bisphenol A - Epichlorohydrin polymer	25068-38-6	5-15
Dimethyl silicone polymer with silica	67762-90-7	1-5

Additional Notes Remaining components are either not hazardous or below threshold limits.

4. First aid measures

General advice	Remove from exposure, lie down. If symptoms persist, call a physician. Do not get in eyes, on skin, or on clothing. MAY CAUSE ALLERGIC SKIN REACTION.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately if symptoms occur.
Skin contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

inhalation INGESTION	Remove from exposure, lie down. If symptoms persist, call a physician. Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Obtain medical attention.
Protection of First-aiders	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

flash point > 93.4 °C / > 200 °F

Suitable extinguishing media Water spray, dry chemical, carbon dioxide (CO₂), or foam.

Explosion data

NFPA	Health hazard 2	flammability 1	stability 0	Physical and Chemical Hazards -
-------------	------------------------	-----------------------	--------------------	--

6. Accidental release measures

Personal precautions Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

OTHER INFORMATION Ventilate the area.

7. Handling and Storage

Handling Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from heat, sparks and open flame. No smoking.

Storage Keep away from open flames, hot surfaces and sources of ignition. Keep tightly closed in a dry and cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aluminum 7429-90-5	TWA: 1 mg/m ³	TWA: 15 mg/m ³ TWA: 5 mg/m ³	TWA: 10 mg/m ³ TWA: 5 mg/m ³

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Hygiene Measures Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

appearance	Gray	Odor	Slight ethereal
Physical state	Paste/Gel		
flash point	> 93.4 °C / > 200 °F	Autoignition temperature	no data available
Boiling Point/Range	> 107.3 °C 225 °F	Flammability Limits in Air	No information available
Explosion Limits	No information available	Water solubility	negligible
Specific gravity	1.25	evaporation rate	(butyl acetate=1): <1
solubility	No information available	vapor density	No information available
vapor pressure	negligible		
viscosity	Data available upon request		

10. Stability and Reactivity

stability Stable under recommended storage conditions.

Conditions to avoid Heat, flames and sparks.

Hazardous decomposition products Carbon oxides. Phenols. Aromatic hydrocarbons.

Hazardous polymerization Hazardous polymerization does not occur.

11. Toxicological Information

Acute toxicity

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Bisphenol A - Epichlorohydrin polymer	11400 mg/kg (Rat)		

Chronic toxicity

Chemical name	EU - Endocrine Disrupters Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Bisphenol A - Epichlorohydrin polymer	Group III Chemical		

12. Ecological Information

ecotoxicity

13. Disposal Considerations

Waste Disposal Method Dispose of in accordance with local regulations.

Chemical name	California Hazardous Waste Status
Aluminum	Ignitable (powder)

14. Transport Information

DOT Not regulated

IATA

UN-No	3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (Epoxy resin)
Hazard Class	9
Packing group	III

IMDG/IMO

Proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (Epoxy resin)
Hazard Class	9
UN-No	3082
Packing group	III
EmS No.	F-A, S-F

15. Regulatory Information

International Inventories

Chemical name	TSCA	DSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS	NZIoC
Oxiranemethanamine N,N'-(methylenedi-4,1-phenylene)bis[N-(oxiranymethyl)] - 28768-32-3	Present	X	X	(4)-112	X	KE-23914		X	X
Aluminum - 7429-90-5	Present	X	X		X	KE-00881	X	X	X
Bisphenol A - Epichlorohydrin polymer - 25068-38-6	XU	X	X	(7)-1283	X	KE-24000	X	X	X
Dimethyl silicone polymer with silica - 67762-90-7	XU	X			X	KE-31207	X	X	X

U.S. Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS-No	Weight %	SARA 313 - Threshold Values %
Aluminum	7429-90-5	25-50	1.0

SARA 311/312 Hazard Categories

Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

Clean Water Act**CERCLA****U.S. State Regulations**

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Aluminum 7429-90-5 (25-50)	X	X	X		X

International Regulations

Mexico - Grade No information available

Chemical name	Carcinogen Status	Exposure Limits
Aluminum		Mexico: TWA 10 mg/m ³

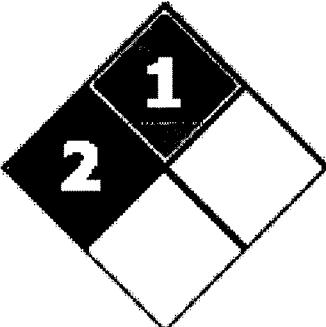
CANADA

Chemical name	WHMIS Hazard Class
Aluminum - 7429-90-5	1 B6 Uncontrolled product according to WHMIS classification criteria
Bisphenol A - Epichlorohydrin polymer - 25068-38-6	D2B



Chemical name	NPRI
Aluminum	X

16. Other information

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"><tr><td>Skin Irritation</td><td>2</td></tr><tr><td>Eye Hazard</td><td>1</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Skin Irritation	2	Eye Hazard	1	Reactivity	0	 	Not regulated
Skin Irritation	2								
Eye Hazard	1								
Reactivity	0								

Prepared by

Magnolia Advanced Materials, Inc.
5547 Peachtree Blvd.
Chamblee, GA 30341

Revision date

October 28, 2013

Revision note

No information available.

Disclaimer

This product is intended to be used as a printing fluid. The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS

MATERIAL SAFETY DATA SHEET



High-Performance Epoxy Systems

Issuing Date No data available

Revision date August 27, 2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Magnobond 6398-B	
Product Code(s)	6398-B	
UN-No	2735	
Synonyms	Magnolia 6398-B	
Recommended Use	Amine curing agent.	
Manufacturer:	Magnolia Advanced Materials, Inc. 5547 Peachtree Blvd. Chamblee, GA 30341 USA 770-451-2777 [8:00 am - 4:30 pm US eastern time zone]	
Emergency telephone number	INFOTRAC 1-352-323-3500 (International) - Account 79439 1-800-535-5053 (North America) - Account 79439	

2. HAZARDS IDENTIFICATION

WARNING

Appearance	Off-white to amber	Physical state	Paste/Gel	Odor	Amine
------------	--------------------	----------------	-----------	------	-------

OSHA Regulatory Status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential health effects

Principle Routes of Exposure Skin Contact, Inhalation.

Acute toxicity

EYES Avoid contact with eyes.
Skin Avoid contact with skin.
Inhalation Avoid breathing vapors or mists.
INGESTION Do NOT taste or swallow.

Chronic effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula Not Applicable-Mixture

Chemical name	CAS-No	Weight %
1-(2-Aminoethyl) piperazine	140-31-8	30-60
Diethylene glycol bis(3-aminopropyl) ether	4246-51-9	15-40
Silica, amorphous, fumed, crystal-free	112945-52-5	5-10

Additional Notes Remaining components are either not hazardous or below threshold limits.

4. FIRST AID MEASURES

General advice Remove from exposure, lie down. If symptoms persist, call a physician. Do not get in eyes, on skin, or on clothing. MAY CAUSE ALLERGIC SKIN REACTION.

Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately if symptoms occur.
Skin contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Inhalation	Remove from exposure, lie down. If symptoms persist, call a physician.
INGESTION	Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Obtain medical attention.

Protection of First-aiders	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
-----------------------------------	--

5. FIRE-FIGHTING MEASURES

Flash point > 93.4 °C / > 200 °F

Suitable extinguishing media Water spray, dry chemical, carbon dioxide (CO₂), or foam.

Explosion data

NFPA	Health hazard 3	Flammability 1	Stability 0	Physical and Chemical Hazards -
-------------	------------------------	-----------------------	--------------------	--

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

OTHER INFORMATION Ventilate the area.

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from heat, sparks and open flame. No smoking.

Storage Keep away from open flames, hot surfaces and sources of ignition. Keep tightly closed in a dry and cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face Protection Safety glasses with side-shields.

Skin and body protection Protective gloves.

Hygiene Measures

Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Off-white to amber	Odor	Amine
Physical state	Paste/Gel		
Flash point	> 93.4 °C / > 200 °F	Autoignition temperature	No data available
Boiling Point/Range	> 107.3 °C 225 °F	Flammability Limits in Air	No information available
Explosion Limits	No information available	Water solubility	Negligible
Specific gravity	1.0	Evaporation rate	(butyl acetate=1): <1
Solubility	No information available	Vapor density	No information available
Vapor pressure	Negligible		
Viscosity	Thixotropic paste		

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions. Hygroscopic.

Conditions to avoid Heat, flames and sparks.

Hazardous decomposition products Carbon oxides. Nitrogen oxides (NOx). Hydrogen cyanide. Ammonia. Hazardous decomposition products formed under fire conditions.

Hazardous polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product Information The product itself has not been tested.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
1-(2-Aminoethyl) piperazine	2140 mg/kg (Rat)	880 µL/kg (Rabbit)	
Diethylene glycol bis(3-aminopropyl) ether	4290 µL/kg (Rat)	2500 µL/kg (Rabbit)	
Silica, amorphous, fumed, crystal-free	3160 mg/kg (Rat)		

Chronic toxicity

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
1-(2-Aminoethyl) piperazine	EC50 = 495 mg/L 72 h	LC50 1950 - 2460 mg/L Pimephales promelas 96 h LC50> 1000 mg/L Poecilia reticulata 96 h LC50>= 100 mg/L Oncorhynchus mykiss 96 h	EC50 > 10000 mg/L 17 h	= 32 mg/L EC50
Chemical name	Log Pow			
1-(2-Aminoethyl) piperazine	= -1.48			

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of contents/container in accordance with local regulation.

14. TRANSPORT INFORMATION

DOT

Proper shipping name Amines, Liquid, Corrosive, N.O.S. (AMINOETHYLPIPERAZINE, DI (AMINOPROPYL) ETHER OR DIETHYLENE GLYCOL)

Hazard Class 8 (Corrosive)

UN-No 2735

Packing group III

IATA

UN-No 2735

Proper shipping name Amines, Liquid, Corrosive, N.O.S. (AMINOETHYLPIPERAZINE, DI (AMINOPROPYL) ETHER OR DIETHYLENE GLYCOL)

Hazard Class	8 (Corrosive)
Packing group	III
ERG Code	8L
Description	A3

IMDG/IMO

Proper shipping name	Amines, Liquid, Corrosive, N.O.S. (AMINOETHYLPIPERAZINE, DI (AMINOPROPYL) ETHER OR DIETHYLENE GLYCOL)
Hazard Class	8 (Corrosive)
UN-No	2735
Packing group	III
EmS No.	F-A, S-B

15. REGULATORY INFORMATION**International Inventories**

Chemical name	TSCA	DSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS	NZIoC
1-(2-Aminoethyl)piperazine - 140-31-8	Present	X	X	Present	X	Present	X	X	X
Diethylene glycol bis(3-aminopropyl) ether - 4246-51-9	Present	X	X	Present	X	Present	X	X	X
Silica, amorphous, fumed, crystal-free - 112945-52-5		X		Present	X	Present	X	X	X

U.S. Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

Clean Water Act**CERCLA****U.S. State Regulations****International Regulations**

Mexico - Grade No information available

CANADA

Chemical name	WHMIS Hazard Class
1-(2-Aminoethyl)piperazine - 140-31-8	1 % D1B,D2B,E

**16. OTHER INFORMATION**

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"><tr><td>Hazard Category</td><td>3</td></tr><tr><td>Fire Hazard</td><td>1</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Hazard Category	3	Fire Hazard	1	Reactivity	0		
Hazard Category	3								
Fire Hazard	1								
Reactivity	0								

Prepared by

Magnolia Advanced Materials, Inc.
5547 Peachtree Blvd.
Chamblee, GA 30341

Revision date

August 27, 2014

Revision note

No information available.

Disclaimer

This product is intended to be used as a printing fluid. The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS